Having thus described our invention, what we claim as new, and desire to secure by Letters Patent is:

1. A method for transmitting data in unused portions of licensed communication channels comprising:

selecting an unused first portion of a first licensed communication channel,

configuring a transmitter to operate in said unused first portion, and

transmitting downstream digital data using a transmitting antenna operating on said first portion.

2. The method of transmitting data of claim 1 further comprising:

selecting an unused second portion of a second licensed communication channel,

configuring an upstream downconverter to operate in said unused second portion, and

receiving upstream digital data using a receiving antenna operating on said unused second portion.

3. The method of transmitting data of claim 2 wherein said first communications channel and said second communications channel are different.

4. The method of transmitting data of claim 1 wherein said downstream digital data is selected from a group consisting of telephony signals, high-speed data, digital video signals and DTV signals.

5. The method of transmitting data of claim 1 further comprising enabling a subscriber to select a method of transmitting upstream data from using the unused second portion, using a cable connection, and using a wired connection.

6. The method of transmitting data of claim 1 wherein said transmitting antenna comprises an array of transmitting antennae.

7. A method for receiving data in unused portions of licensed communication channels comprising:

selecting an unused first portion of a first licensed communication channel,

configuring an upstream downconverter to operate in said unused first portion, and

receiving upstream digital data using a receiving antenna operating on said first portion.

8. The method for receiving data of claim 7 further comprising the steps of:

selecting an unused second portion of a second licensed communication channel,

configuring a transmitter to operate in said unused second portion, and

transmitting downstream digital data using a transmitting antenna operating on said unused second portion.

9. The method for receiving data of claim 8 wherein said first communications channel and said second communications channel are different.

10. The method for receiving data of claim 7 further comprising enabling a subscriber to select a method of transmitting upstream data from using the unused first portion, using a cable connection, and using a wired connection.

11. The method for receiving data of claim 7 wherein said upstream digital data is selected from a group consisting of telephony signals, high-speed data, digital video signals and DTV signals.

12. The method for receiving data of claim 7 wherein said receiving antenna comprises an array of receiving antennae.

13. The method for receiving data of claim 7 wherein said transmitting antenna comprises an array of transmitting antennae.

14. A method for transmitting and receiving data in unused portions of licensed communication channels comprising:

selecting an unused first portion of a first licensed communication channel,

configuring a transmitter to operate in the said unused first portion,

transmitting downstream digital data using a transmitting antenna operating on said first portion,

selecting an unused second portion of a second licensed communication channel,

configuring an upstream downconverter to operate in the said unused second portion, and

receiving upstream digital data using a receiving antenna operating on said unused second portion.

15. The method for transmitting and receiving data of claim 14 wherein said first communications channel and said second communications channel are different.

16. The method for receiving and receiving data of claim 14 further comprising enabling a subscriber to select a method of transmitting upstream data from using the unused second portion, using a cable connection, and using a wired connection.

17. The method for transmitting and receiving data of claim 14 wherein said downstream digital data and said up stream digital data is selected from a group consisting of telephony signals, high-speed data, digital video signals and DTV signals.

18. The method for transmitting and receiving data of claim 14 wherein said receiving antenna comprises an array of receiving antennae.

19. The method for transmitting and receiving data of claim 14 wherein said transmitting antenna comprises an array of transmitting antennae.